

130. The carbon foam of claim 129 characterized by an X-ray diffraction pattern having an average d002 spacing of about 0.336.

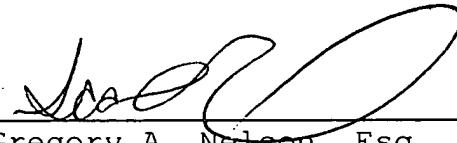
*A3
cont'd*

131. The carbon foam of claim 56 wherein the carbon foam is a non-oxidatively stabilized, essentially graphitic carbon foam derived from a mesophase pitch, the carbon foam having an open cell structure and a bulk thermal conductivity from about 58 W/m·°K to about 106 W/m·°K.--

REMARKS

Applicants have deleted original Claims 1-55 and respectfully submit new claims 56-131 for consideration by the Examiner. No new matter has been added. Applicants request consideration and allowance of the newly presented claims.

Respectfully submitted,



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